

GENERAL NOTES

The information depicted on the map represents the results of surveys made on the date indicated and can only be considered as indicating the general condition at that time. Unless otherwise noted on this map, all depths and soundings are in feet and are referred to the International Great Lakes Datum 1985 (IGLD 1985) and all horizontal positions are referred to North American Datum 1983 (NAD83). See the State of Michigan's official website (<http://www.michigan.gov>) for more information about the datum used.

To view a color version of this map, point a web browser to <http://libz.water.fishbase.org/water/surveys/mich.htm>.

This document was prepared using a CAD system. Symbols may be distorted when printed.

on Unit (Y/N):	CAOU
Checked by:	
Reviewed by:	
Chief, Survey Unit	
Approved:	Date:
Chief, NY/PA Navigation and Maintenance Section	

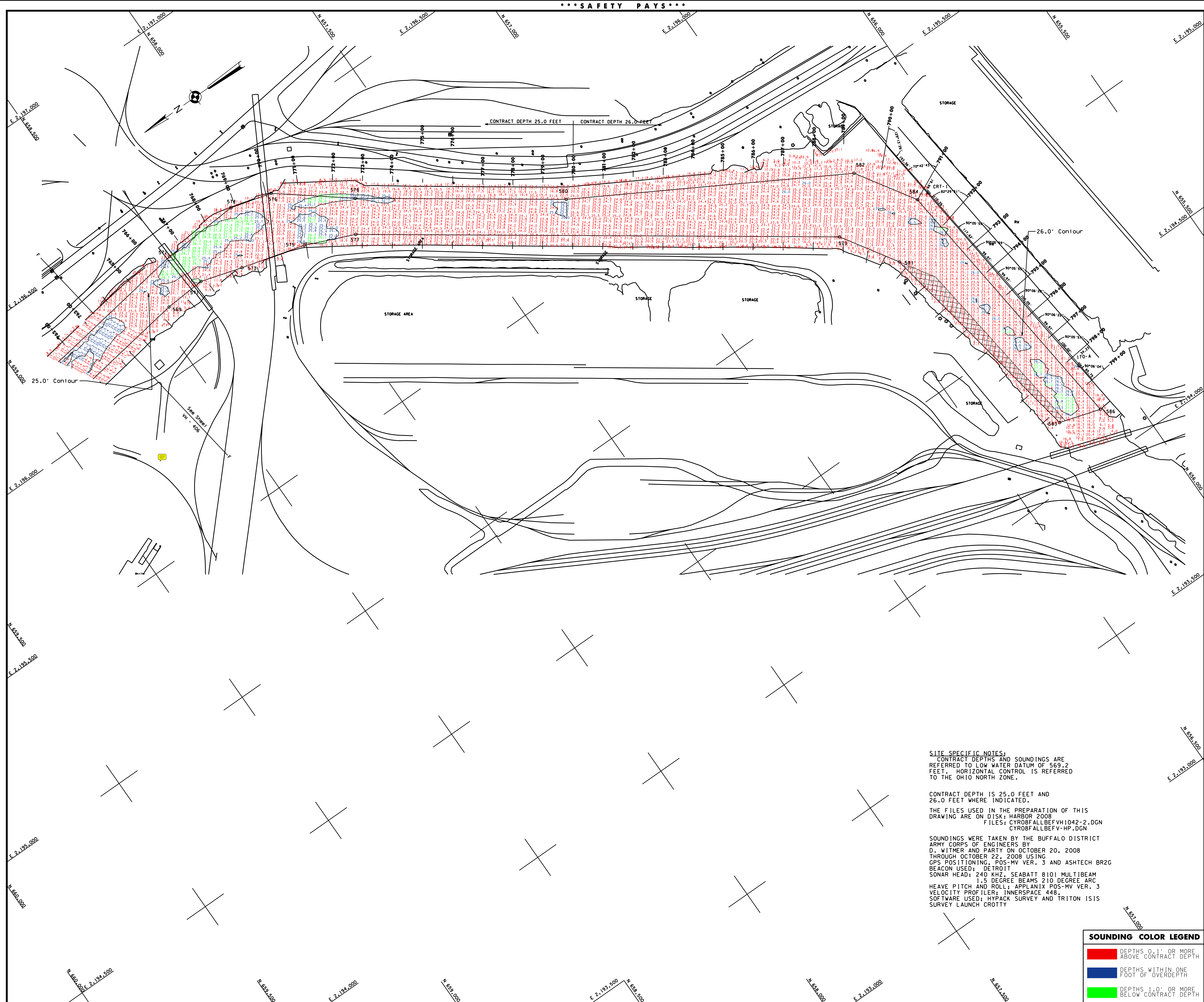
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
BUFFALO, NEW YORK 14207-3199

CLEVELAND HARBOR, OHIO
CUYAHOGA RIVER AND OLD RIVER
**FALL BEFORE CONTRACT DREDGING
SOUNDINGS 2008**

Sheet
reference
number:

Sheet **2** of **2**

08S-CYR-47






SITE SPECIFIC NOTES:
CONTRACT DEPTHS AND SOUNDINGS ARE
REFERRED TO LOW WATER DATUM OF 569.2
FEET. HORIZONTAL CONTROL IS REFERRED
TO THE OHIO NORTH ZONE.

CONTRACT DEPTH IS 25.0 FEET AND
26.0 FEET WHERE INDICATED.

THE FILES USED IN THE PREPARATION OF THIS
DRAWING ARE ON DISK: HARBOR 2008
FILES: CYR08FALLBEFVH1042-2.DGN
CYR08FALLBEFV-HP.DGN

SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT
ARMY CORPS OF ENGINEERS BY
D. WITMER AND PARTY ON OCTOBER 20, 2008
THROUGH OCTOBER 22, 2008 USING
GPS POSITIONING, POS-MV VER. 3 AND ASHTEK BR2G
GPS RECEIVER, 1.5 DEGREE BEAMS
SONAR HEAD: 240 KHZ, SEABATT 8101 MULTI-BEAM
1.5 DEGREE BEAMS 210 DEGREE ARC
BEAVE PITCH AND ROLL; APPLANIX POS-MV VER. 3
VELOCITY PROFLER; INNERSPACE 448,
SOFTWARE USED: POS-MV SURVEY AND TRITON IS15
SURVEY, LAUNCH, CROTTY.

SOUNDING COLOR LEGEND

 DEPTHS 0.1' OR MORE ABOVE CONTRACT DEPTH
 DEPTHS WITHIN ONE FOOT OF OVERDEPTH
 DEPTHS 1.0' OR MORE BELOW CONTRACT DEPTH